For more information on paired t-tests, refer to the corresponding Wikipedia article at https://en.wikipedia.org/wiki/Student's_t-test.

D	E	F
Paired t-test		
Alpha	0.05	
Hypothesized Mean Difference	0	
	Variable 1	**Variable 2**
Mean	16.923077	20.461538
Variance	125.076923	94.435897
Observations	13	13
Pearson Correlation	-0.061754	
Observed Mean Difference	-3.538462	
Variance of the Differences	232.935897	
df	12	
t Stat	-0.835926	
P (T<=t) one-tail	0.209765	
t Critical one-tail	1.782288	
P (T<=t) two-tail	0.419530	
t Critical two-tail	2.178813	

Figure 352: Results from Paired t-test tool

F-test tool

The F-test tool calculates the F-test of two data samples. The tool is used to test the hypothesis that the variance of two populations are equal. Click **Data > Statistics > F-test** on the Menu bar to access the F-test dialog shown in Figure 353 and define the required inputs to the tool.
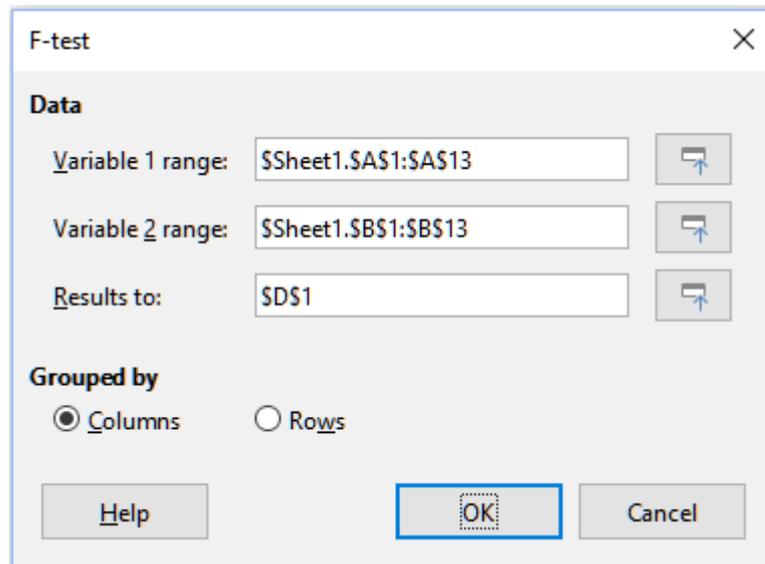

Figure 353: F-test dialog

Variable 1 range
Specifies the cell range containing the first set of input data.

Variable 2 range
Specifies the cell range containing the second set of input data.

Results to
Specifies the top left cell of the results area. When you run the tool, it will generate the F-test table starting at this cell.